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S E C R E T 252308Z

1966 MAR 25 23 27Z

[redacted] 6775

25X1

1. MISSION 8080 WAS FLOWN 24 MARCH 1966 USING CAMERA B-7. 28 MAR 1966 THE FILM WAS PROCESSED AT NAV RECON TECH SUPPCEN.

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE WAS GOOD ON THE FIRST 660 FRAMES. A SHUTTER MALFUNCTION CAUSED EXTREME OVEREXPOSURE THROUGHOUT THE REMAINDER OF THE MISSION (SEE PARAGRAPH D). THE RESOLUTION IN THE FIRST 660 FRAMES IS FAIR TO GOOD. HAZE IS THE DEGRADING FACTOR. THE IMAGERY AT THE NON-DATA BLOCK END OF EACH FRAME IS SLIGHTLY MORE ACUTE THAN THAT NEAR THE OPPOSITE END OF THE FRAME. THE DIFFERENCE IS NOT AS EXTREME AS ON THE RECENT PHOTOGRAPHY FROM CAMERA B-15. ALSO, HEAVY HAZE THROUGHOUT THE USABLE PART OF THE MISSION PRECLUDES A DETAILED ANALYSIS. THEREFORE, THIS IMAGE QUALITY ANALYSIS IS SUBJECT TO QUALIFICATIONS.

B. 9R SIDE: THE CAMERA POSITION INDICATORS ARE EITHER VERY LIGHT OR MISSING COMPLETELY ON THE USABLE PART OF THE MISSION. ROLLER CHATTER IS PRESENT ON THE OUTBOARD EDGE THROUGHOUT THE MISSION AND ON THE INBOARD EDGE THROUGHOUT THE USABLE SECTION. EDGE STATIC IS PRESENT INTERMITTENTLY ON THE OUTBOARD EDGE THROUGHOUT. HANDLING MARKS AND EMULSION ABRASIONS ARE APPARENT IN THAT AREA OF THE FILM WHERE THE MALFUNCTION OCCURRED, EXPECIALLY AT THE BEGINNING AND END OF EACH CAN AND AT THE HEAT SPLICE BETWEEN THE USABLE AND NON-USABLE PARTS OF THE MISSION. A TEAR IN THE FILM, WHICH WAS REPAIRED

WITH TAPE APPLIED TO THE BASE, IS ALSO ASSOCIATED WITH THE AFOREMENTIONED SPLICE. A MINUS DENSITY STREAK 1.4 INCHES LONG IS PRESENT IN FRAME 3. A MANUFACTURER'S SPLICE IS FOUND IN FRAME 1249.

C. 9L SIDE: FOG, DUE TO STATIC DISCHARGES, IS MINOR AND INTERMITTENT ALONG BOTH FILM EDGES THROUGHOUT THE MISSION. PLUS DENSITY SPOTS, SIMILAR TO THOSE USUALLY REFERRED TO AS ROLLER CHATTER, APPEAR 0.5 INCHES FROM THE INBOARD FILM EDGE, EACH 1.7 INCHES ALONG THE MAJOR AXIS. THE PLUS DENSITY SPOTS ARE OF LOW DENSITY AND ARE NOT A SERIOUSLY DEGRADING FACTOR. THE DENSITY OF THE POSITION INDICATOR LAMP IMAGES OSCULATE THROUGHOUT THE USABLE PART OF THE MISSION. ON MANY FRAMES THE LAMP IMAGES ARE NOT DETECTABLE. THERE IS A ROW OF MINUS DENSITY DOTS 2.2 INCHES FROM AND PARALLEL TO THE INBOARD FILM EDGE THROUGHOUT THE FIRST 600 FRAMES. THE DOTS ARE SPACED 1.55 INCHES APART ALONG THE MAJOR AXIS. THEY ARE PRONOUNCED IN THE BEGINNING OF THE MISSION AND BECOME FAINT AS THE MISSION PROGRESSES.

D. THE SHUTTER BEGAN TO MALFUNCTION AT FRAME 661. IT REMAINED OPEN CONTINUALLY DURING TRANSPORT ON THE FOLLOWING FRAMES: 661-952, 954-989, 991-1028, 1031-1047, 1049-1073, 1083-1094, 1219-1231. ON THE FOLLOWING FRAMES THE SHUTTER WAS CLOSED WHILE THE FILM WAS BEING TRANSPORTED BUT WAS OPEN THROUGHOUT THE REST OF THE CYCLE, IE, VACUUM APPLIED, SHUTTER OPEN, DATA CHAMBER EXPOSED, VACUUM RELEASED, SHUTTER CLOSES, FILM TRANSPORTS, REPEAT CYCLE. FRAMES: 952-954, 989-990, 1029-1031, 1047-1048, 1073-1082, 1095-1219, 1232-1879. FRAMES 1392 AND 1393 WERE NORMALLY EXPOSED. THE IMAGE

QUALITY OF THE TWO FRAMES IS GOOD. ALL FRAMES INDICATED HERE AS BEING AFFECTED BY THE SHUTTER MALFUNCTION ARE GROSSLY OVEREXPOSED AND ARE UNSUITABLE FOR PHOTO-INTERPRETATION. THE DATA CHAMBER FRAME NUMBER ON THE LAST FRAME IS 1879 ON THE 9L SIDE AND 1878 ON THE 9R SIDE.

E. THERE WERE NO MAJOR PROCESSING ANOMALIES.

3. POSITIVES:

A. PRINTING AND PROCESSING WAS GOOD. THE PI SUITABILITY IS COMMENSURATE WITH THE RESOLUTION OF THE USABLE PART OF THE FILM AND IS THEREFORE, FAIR TO GOOD.

B. CLOUDS AND HAZE OBSCURE OR DEGRADE APPROXIMATELY 60 PERCENT OF THE MISSION.

S E C R E T

:END OF MESSAGE: